

F I G . 1

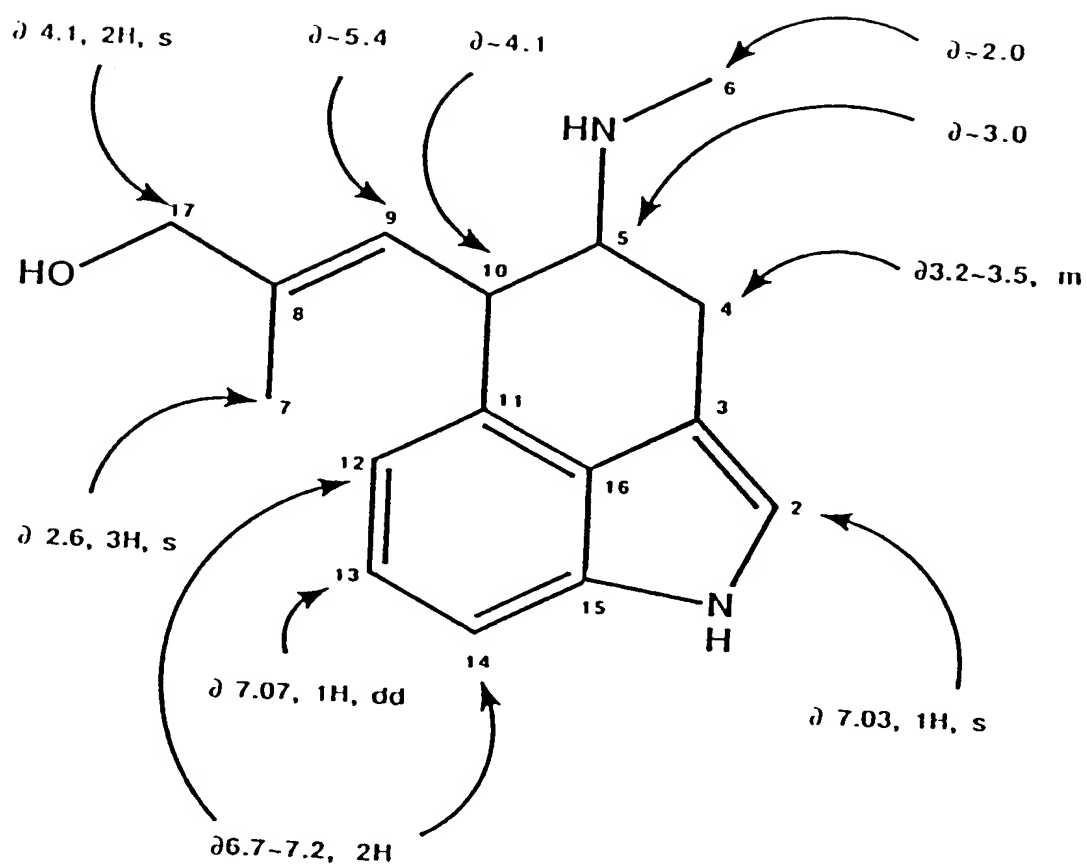


FIG. 2

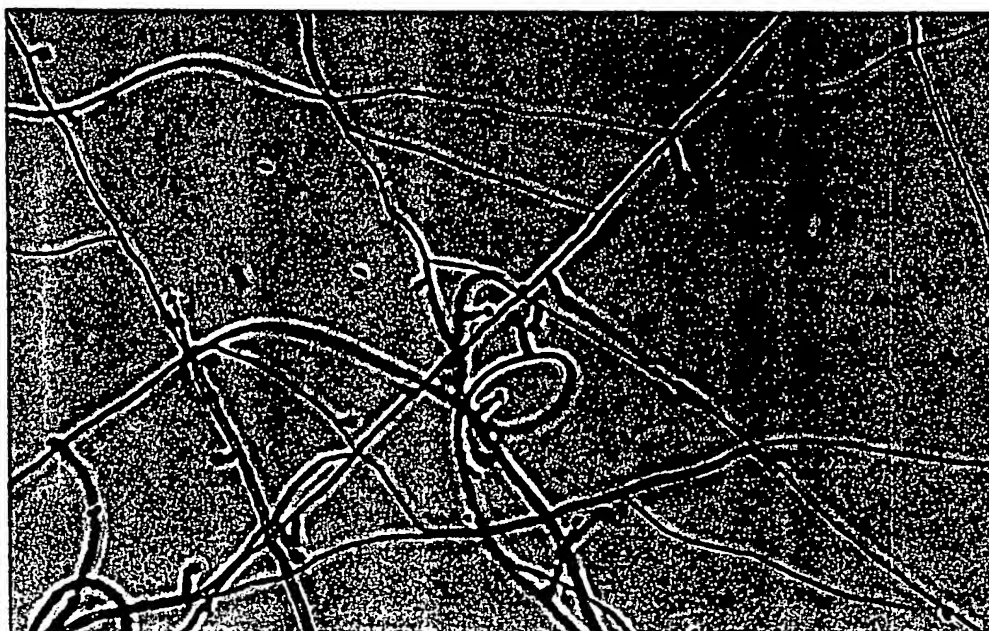
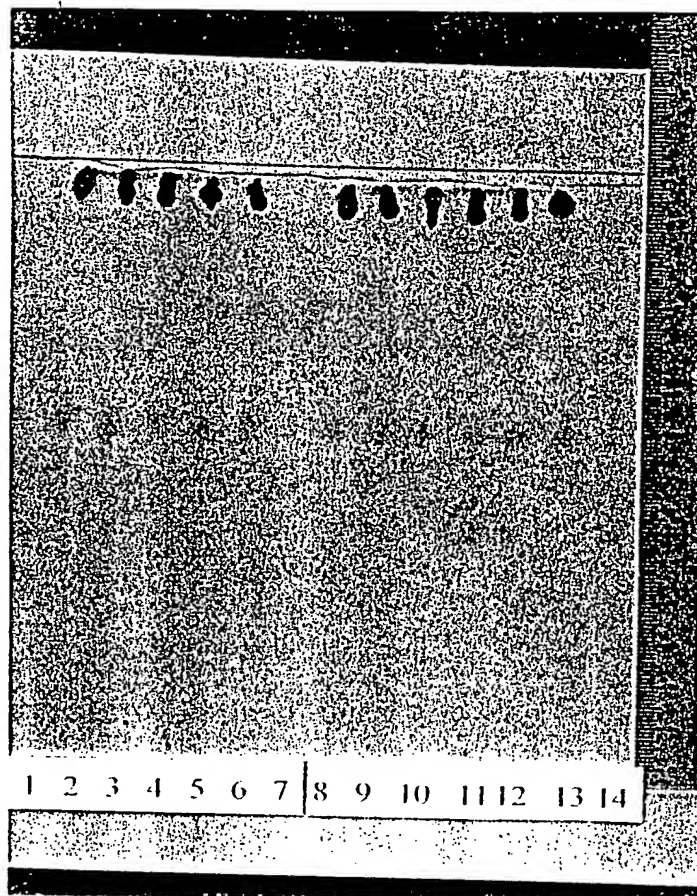


FIG. 3

K-1970 DIV

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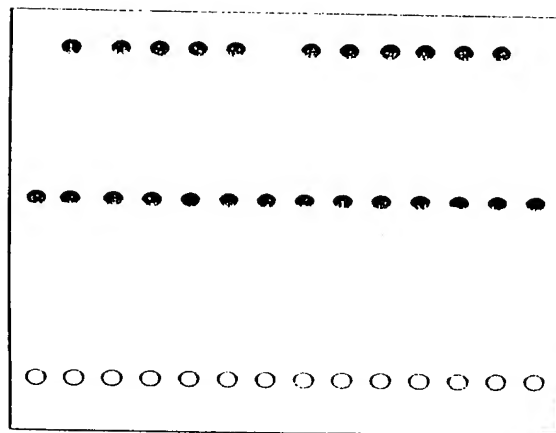


Residues of plant extracts
other than chanoclavine

Chanoclavine spot

Origin

A



Residues of plant extracts
other than chanoclavine

Chanoclavine spot

Origin

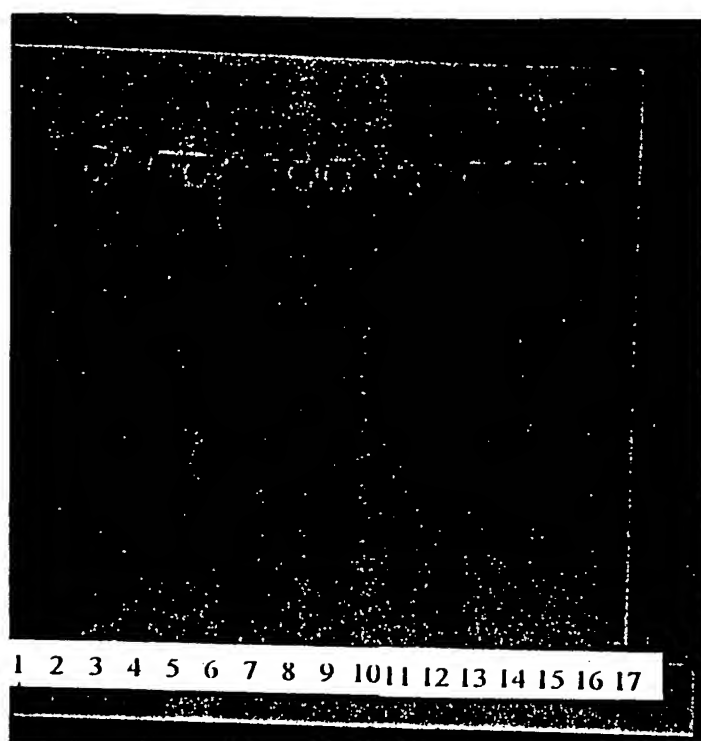
Lane 1
Lane 2
Lane 3
Lane 4
Lane 5
Lane 6
Lane 7
Lane 8
Lane 9
Lane 10
Lane 11
Lane 12
Lane 13
Lane 14

Lanes 1, 7, 14: Chanoclavine sample

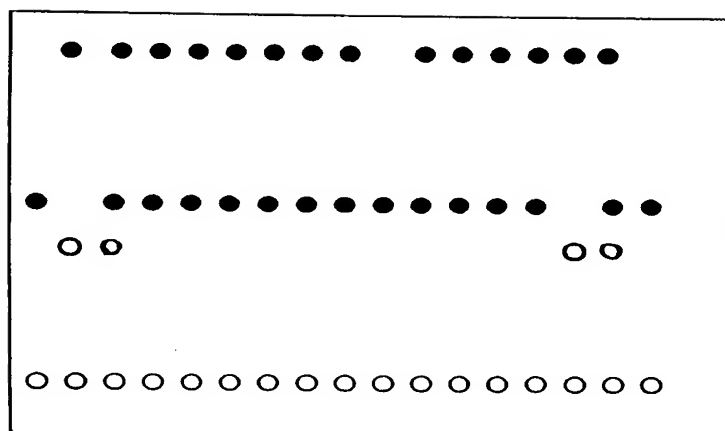
Lanes 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 13: Extracts of plants infected with the endophytes deposited at the Japanese National Institute of Bioscience and Human Technology

B

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A



Lane 1 Lane 2 Lane 3 Lane 4 Lane 5 Lane 6 Lane 7 Lane 8 Lane 9 Lane 10 Lane 11 Lane 12 Lane 13 Lane 14 Lane 15 Lane 16 Lane 17

Lanes 1,10,17: Chanoclavine sample

Lanes 2,15: Extracts of plants infected with endophytes not deposited at the Japanese National Institute of Bioscience and Human Technology

Lanes 3,16: Extracts of plants infected with endophytes not deposited at the Japanese National Institute of Bioscience and Human Technology + superimposed samples

Lanes 4,6,8,11,13: Extracts of plants infected with the endophytes deposited at the Japanese National Institute of Bioscience and Human Technology

Lanes 5,7,9,12,14: Extracts of plants infected with endophytes not deposited at the Japanese National Institute of Bioscience and Human Technology + superimposed samples

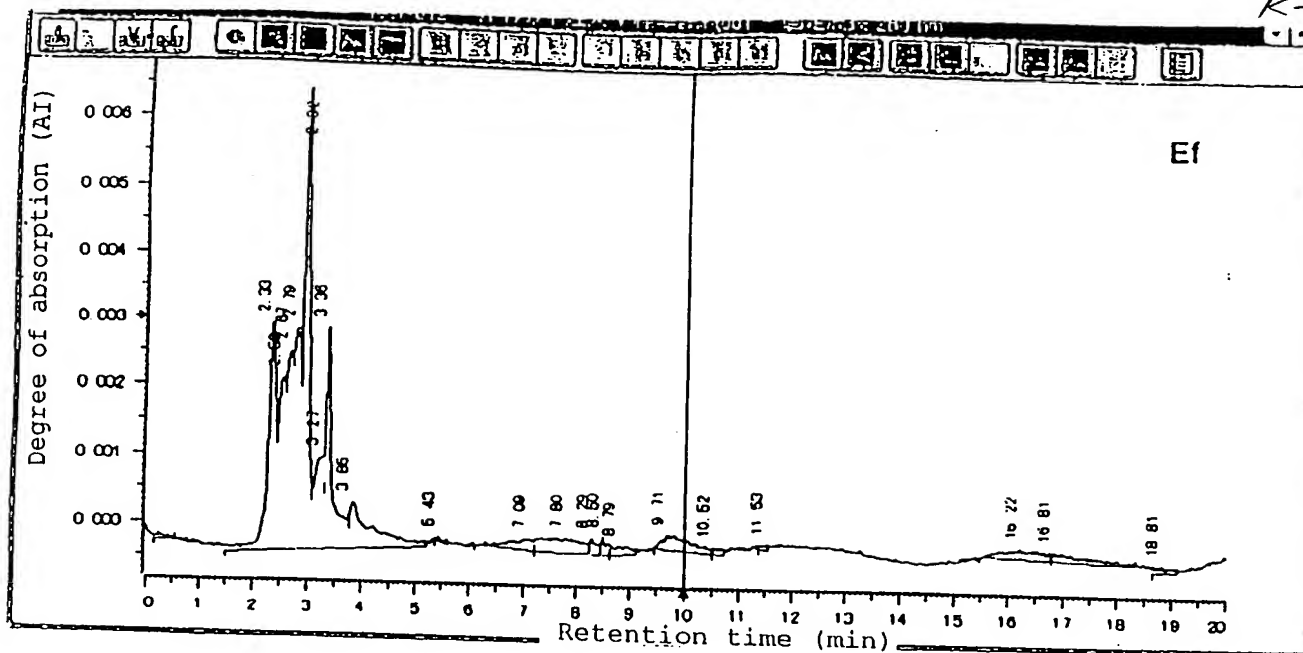


FIG. 6

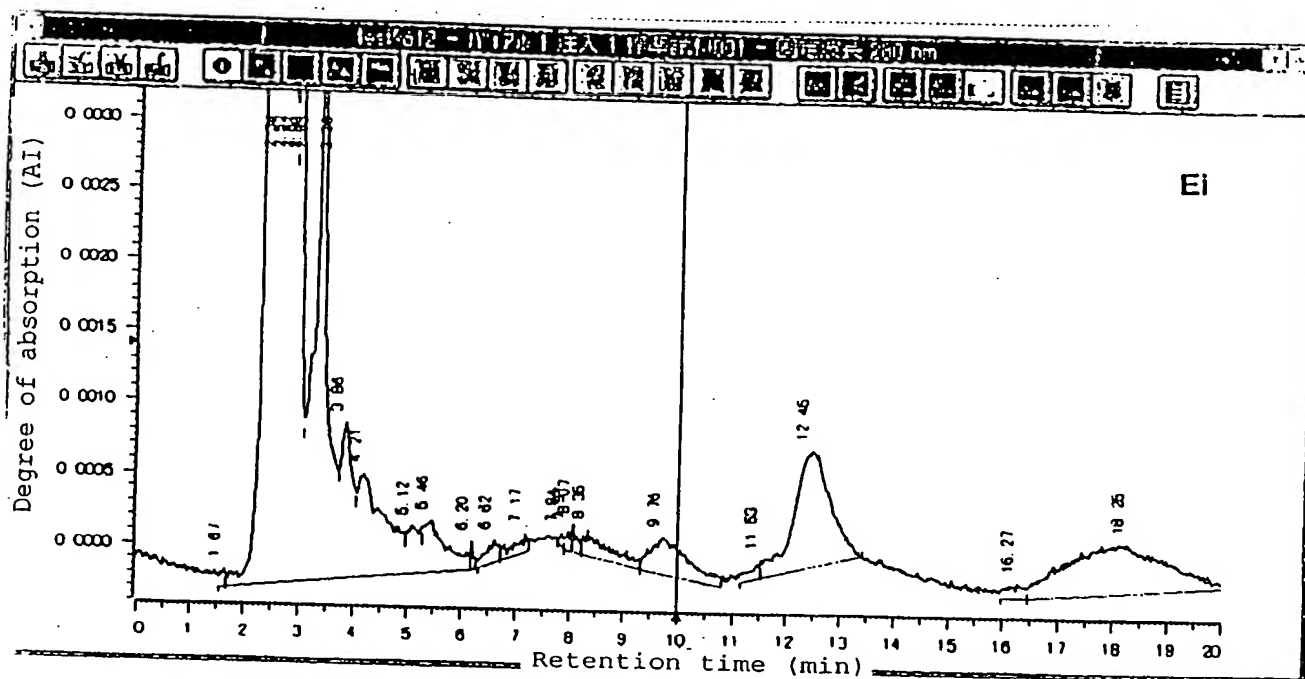


FIG. 7

K-1970DIV

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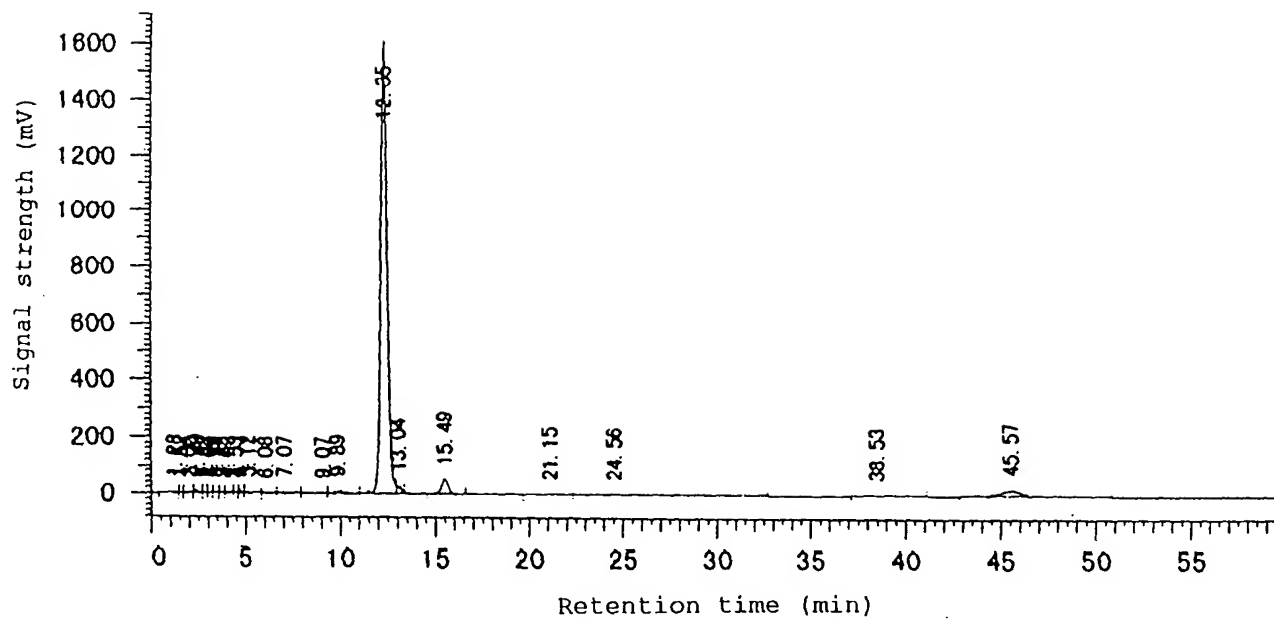


FIG. 8

K-197001U

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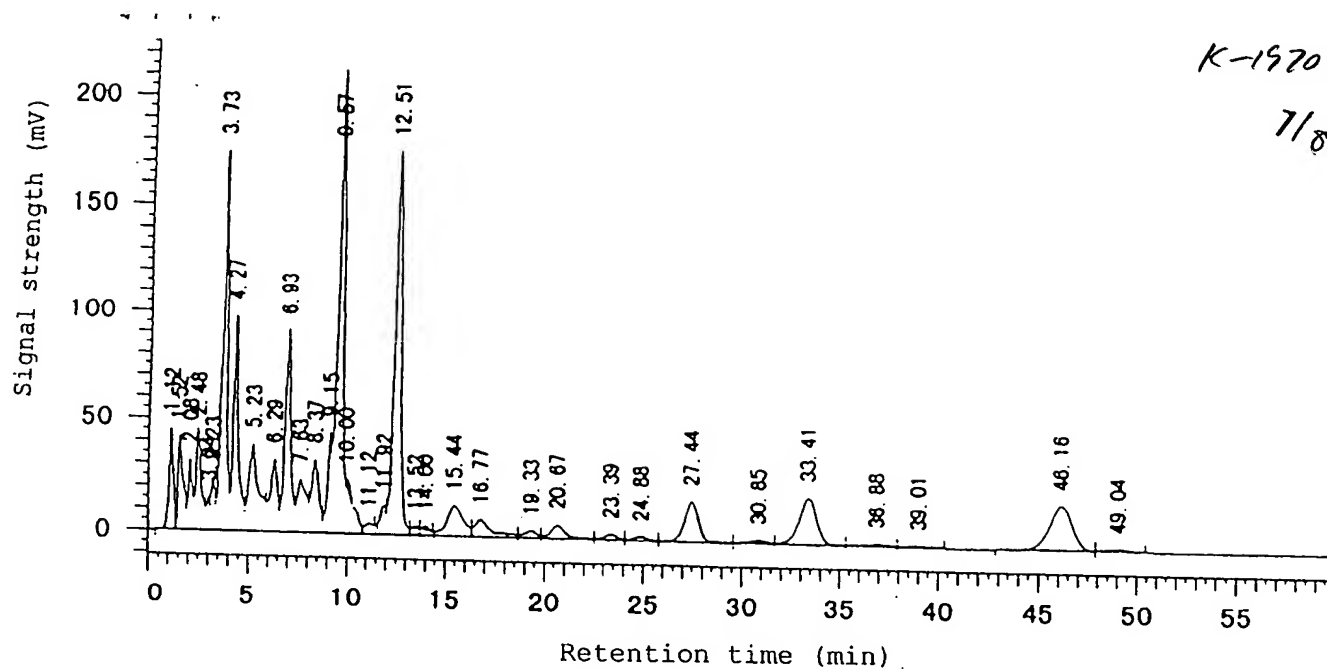


FIG. 9

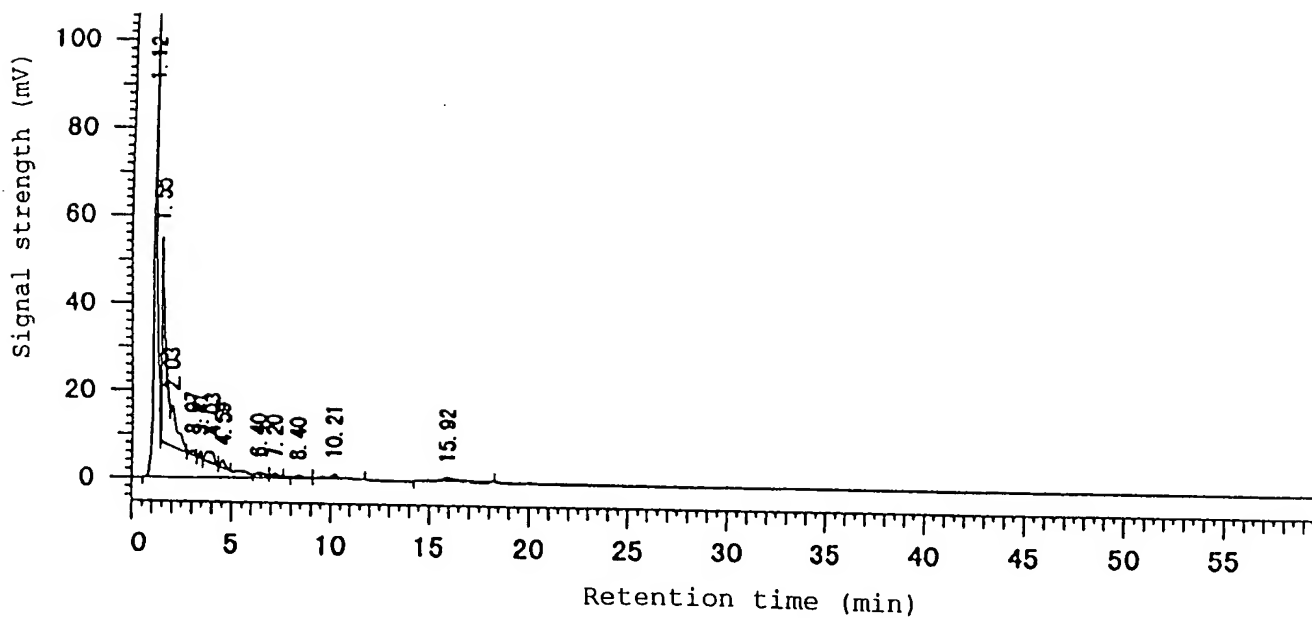
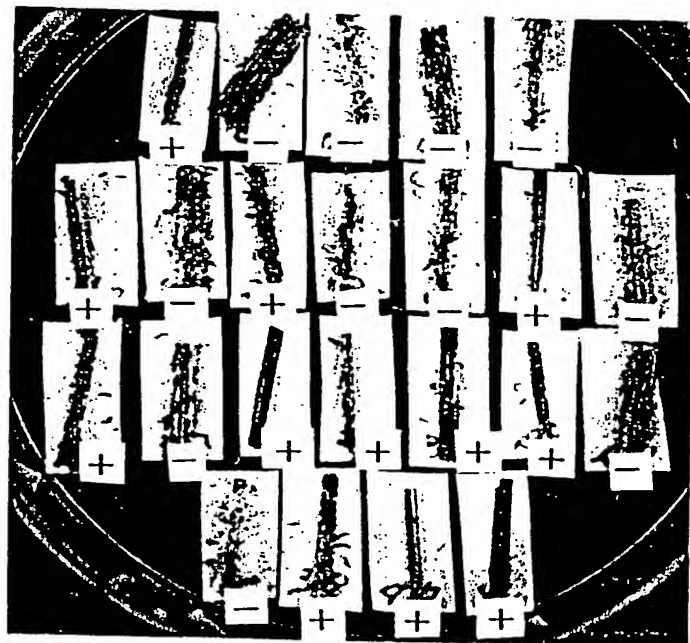
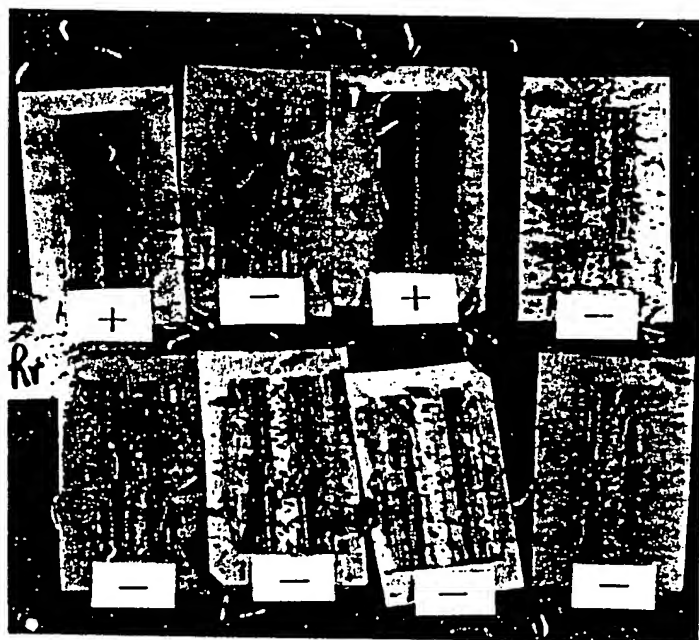


FIG. 10



+: Plants infected with the endophytes deposited at the Japanese National Institute of Bioscience and Human Technology
 -: Plants infected with endophytes other than those deposited at the Japanese National Institute of Bioscience and Human Technology

F I G . 1 . 1



+: Plants infected with the endophytes deposited at the Japanese National Institute of Bioscience and Human Technology
 -: Plants infected with endophytes other than those deposited at the Japanese National Institute of Bioscience and Human Technology

F I G . 1 . 2